

## **REMARKS**

Claims 1-8 are pending in the application. In the Office Action, the Examiner has rejected Claims 1-8 under 35 U.S.C. § 103 (a) as being unpatentable over the Jung et al. (U.S. 6,097,949) in view of Gaskill et al. (U.S. 5,481,254).

Please amend Claims 1, 3 and 5 as set forth herein. No new matter has been added.

With respect to the rejections of independent Claims 1, 3, and 5 under § 103 (a), the Examiner states that Jung et al. in view of Gaskill et al. renders the claims unpatentable. Jung et al. discloses a method for providing closed user group service in a mobile communication network; and, Gaskill et al. discloses group message delivery in a time-division multiplexed paging system.

In Claims 1, 3 and 5, the actual contents of the broadcasting information are converted to a predetermined message code according to type and contents of the broadcasting information, by utilizing a cell broadcasting service (CBS). After converting the actual contents of the broadcasting information into the predetermined message code, a message format having a header indicating the type of the broadcasting information and the converted message code is generated. A generated message format is transmitted by utilizing the CBS. When the message of the CBS is received, a receipt of a coded message is checked by searching a header of the message format. Then, the broadcasting information is recovered by comparing a message code of the message format with a predetermined code.

Claims 1, 3 and 5 provide for transmitting and receiving the broadcasting information capable of increasing the amount of the information for broadcasting by utilizing the CBS. Accordingly, Claims 1, 3 and 5 disclose a technical feature for converting the actual contents of the broadcasting information into the predetermined message code and transmitting the converted contents according to the type and contents of the broadcasting information, and recovering the information of the received message converted to the message code by comparing the information of the message with the predetermined code according to the type and contents of the broadcasting information.

The Examiner asserts that the above features are not disclosed by Jung et al., but instead are disclosed by Gaskill et al. Applicants respectfully disagree. Referring to col.5, lines 24-42,

and according to the Examiner's argument, group message source 26 provides information such as local weather and local sports to paging system 10. In turn, paging system 10 delivers such information to corresponding user groups subscribing to these information services. Such information could be coded by a prearrangement in the format of a multiple digit numeric paging message.

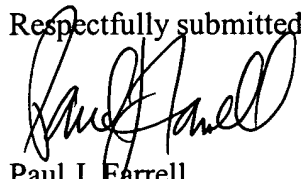
However, Gaskill et al. only discloses coding such information into a predetermined format of the message. Gaskill et al. does not disclose the features of the present invention that the type and the contents of the broadcasting are converted into the predetermined message code and transmitted for increasing the amount of the information capable of broadcasting, and the broadcasting information is recovered **by comparing** the type and the contents of the received broadcasting information **with the predetermined code**.

Based on at least the foregoing, withdrawal of the rejections of independent Claims 1, 3, and 5 under § 103 (a) is respectfully requested.

It is respectfully submitted that the dependent Claims 2, 4 and 6-8 are allowable based on allowance of their respective independent claims.

Accordingly, it is respectfully submitted that the present application is in condition for allowance. Should the Examiner have any questions, it is respectfully requested that the undersigned attorney be contacted at the earliest convenience to discuss the present application. Early and favorable action is earnestly solicited.

Respectfully submitted,



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